

Global D-allo-Threonine Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global D-allo-Threonine market size is expected to reach \$ 111 million by 2032, rising at a market growth of 11.7% CAGR during the forecast period (2026-2032).

D-allo-threonine is a non-natural amino acid; chemically speaking, it is a stereoisomer of threonine. Since the threonine molecule possesses two chiral centers, it gives rise to four distinct stereoisomers, of which D-allo-threonine is one. In the contexts of daily nutrition and biological protein synthesis, L-threonine is the most common and significant form; conversely, D-allo-threonine is not a constituent amino acid of standard proteins and, consequently, does not fall within the category of mainstream amino acid products in the fields of animal feed, food, or nutritional supplements. In 2025, the global production volume of D-allo-threonine reached 190 tons, with a global average price of \$260 per kilogram, while the gross profit margins for major industry players ranged approximately from 35% to 50%.

This report studies the global D-allo-Threonine production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for D-allo-Threonine and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of D-allo-Threonine that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global D-allo-Threonine total production and demand, 2021-2032, (Tons)

Global D-allo-Threonine total production value, 2021-2032, (USD Million)

Global D-allo-Threonine production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global D-allo-Threonine consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: D-allo-Threonine domestic production, consumption, key domestic manufacturers and share

Global D-allo-Threonine production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global D-allo-Threonine production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global D-allo-Threonine production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global D-allo-Threonine market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Taizhou Tianhong Biochemical Technology, Zhejiang Lvchuang Biotechnology, Shanghai Yuanju Biotech, Luoyang Huarong Biotechnology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World D-allo-Threonine market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Kg) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global D-allo-Threonine Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global D-allo-Threonine Market, Segmentation by Type:

Chemical Synthesis Method

Enzymatic Catalysis Method

Chiral Resolution Method

Global D-allo-Threonine Market, Segmentation by Purity:

98%

99%

>99%

Global D-allo-Threonine Market, Segmentation by Application:

Feed Additives

Food Additives

Medicine

Other

Companies Profiled:

Taizhou Tianhong Biochemical Technology

Zhejiang Lvchuang Biotechnology

Shanghai Yuanju Biotech

Luoyang Huarong Biotechnology

Key Questions Answered:

1. How big is the global D-allo-Threonine market?
2. What is the demand of the global D-allo-Threonine market?
3. What is the year over year growth of the global D-allo-Threonine market?
4. What is the production and production value of the global D-allo-Threonine market?
5. Who are the key producers in the global D-allo-Threonine market?
6. What are the growth factors driving the market demand?

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